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Date of Deposit: April 15, 2004

Attorney Docket No: RONI-015/01US
(186980-2036)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of Pieter van Rooyen and Danie van Wyk Examiner: Unknown

Art Unit: 2681

Serial No.: 10/650,478

Confirmation No.: 6127

Filed: August 28, 2003

For: **ITERATIVE MULTI-STAGE DETECTION TECHNIQUE FOR A
DIVERSITY RECEIVER HAVING MULTIPLE ANTENNA ELEMENTS**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08A for the above-identified patent application.

- ☒ In accordance with 37 C.F.R. §1.97(b), no additional fee for submission of the IDS is required.
- ☐ In accordance with 37 C.F.R. §1.97(c), also enclosed is:
 - ☐ the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or
 - ☐ a statement as specified in 37 C.F.R. §1.97(e).
- ☐ In accordance with 37 C.F.R. §1.97(d), a statement as specified in 37 C.F.R. § 1.97(e) and the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) are also enclosed.
- ☐ Check No. ___ in the amount of \$___ for the total fee is attached.
- ☒ A return receipt postcard is also enclosed.
- ☐ Please charge \$___ to Deposit Account No. (PA) 03-3117 (RE) 50-1283 for the total fee. This paper is being submitted in duplicate.

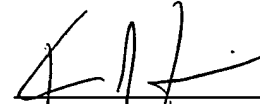
The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. (PA) 03-3117.

Dated: April 15, 2004

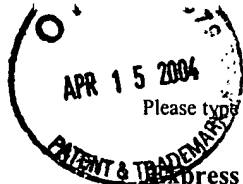
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PTO/SB/08A (08-00)

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| Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary) | | | | Complete if Known | |
| | | | | Application Number | 10/650,478 |
| | | | | Filing Date | August 28, 2003 |
| | | | | First Named Inventor | PIETER VAN ROOYEN |
| | | | | Group Art Unit | 2681 |
| | | | | Examiner Name | Unknown |
| Sheet | 1 | of | 2 | Attorney Docket Number | RONI-015/01US |

| U.S. PATENT DOCUMENTS | | | | | |
|-----------------------|--------------------------|----------------------|--------------------------------------|---|---|
| Examiner Initials* | Cite No. ¹ | U.S. Patent Document | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY |
| | | Number | Kind Code ² (if known) | | |
| | | US 6,351,500 | B2 | Kumar | 02-26-2002 |
| | | US 6,369,758 | B1 | Zhang | 04-09-2002 |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--------------------------|-------------------------|---------------------|--------------------------------------|--|--|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | | | Name of Patentee or Applicant of Cited Document | Date of Publication of Cited Document MM-DD-YYYY | T ⁶ |
| | | Office ³ | Number ⁴ | Kind Code ⁵ (if known) | | | |
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| Examiner Signature | | Date Considered | |
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¹ Unique citation designation number.

² See attached Kinds of U.S. Patent Documents.

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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| | | | | First Named Inventor | PIETER VAN ROOYEN |
| | | | | Group Art Unit | 2681 |
| Examiner Name | Unknown | | | | |
| Sheet | 2 | of | 2 | Attorney Docket Number | RONI-015/01US |

| OTHER - NON PATENT LITERATURE DOCUMENTS | | | |
|---|--------------------------|---|----------------|
| Examiner Initials* | Cite No. ¹ | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
| X | | PCT/US03/26933 - International Search Report or the Declaration mailed March 8, 2004 | |
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